WHAT IS CLAIMED IS:

1. A method of manufacturing a stator, comprising the steps of:

forming the stacked stator core by blanking a magnetic material using a progressive die;

unfolding the stacked stator core straight;

subjecting the straight stacked stator core to a prescribed treatment;

winding a wire around the straight stacked stator core subjected to the prescribed treatment; and

winding up the straight wire-wound stacked stator core to restore the core to its original arrangement in a ring.

2. The method of manufacturing a stator according to Claim 1, wherein the prescribed treatment is electrocoating.

3. The method of manufacturing a stator according to Claim 1, wherein the wire-wound stacked stator core is wound up such that the wire-wound side faces the inside of the core.

4. The method of manufacturing a stator according to Claim 1, wherein the wire-wound stacked stator core is wound up such that the wire-wound side faces the outside of the core.

5. A method of manufacturing a stacked stator core, comprising the steps of:

stacking a prescribed number of ring-shaped sheet magnetic materials provided with a plurality of yoke members and having a first divided portion at one place between said yoke members and a bent portion at the other place therebetween, such that each first divided portion is placed at the same position;

stacking a prescribed number of sheet magnetic materials such that second divided portions thereof are placed with a prescribed number shifted by a unit of yoke members in

the circumferential direction relative to said prescribed number of stacked sheet magnetic materials; and

successively stacking said sheet magnetic materials to form a stacked stator core by repeating said two steps as many as a desired number of times.

6. A method of manufacturing a stacked stator core, comprising the steps of:

stacking a prescribed number of ring-shaped sheet magnetic materials provided with a plurality of yoke members and having bent portions provided between said yoke members and a first divided portion in the vicinity of one said bent portion, such that each first divided portion is placed at the same position;

stacking a prescribed number of sheet magnetic materials having a second divided portion at the position opposed to said first divided portion through said bent portion on said stacked sheet magnetic materials, such that each second divided portion is placed at the same position;

stacking a prescribed number of sheet magnetic materials such that third divided portions thereof are placed with a prescribed number shifted by a unit of yoke members in the circumferential direction relative to the prescribed number of stacked sheet magnetic materials having the second divided portion; and

successively stacking said sheet magnetic materials to form a stacked stator core by repeating said three steps a prescribed number of times.